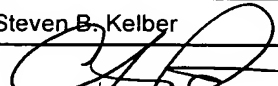


**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 8971-032-27  
First Inventor or Application Identifier David WHITTEN  
Title ASSAYS FOR PROTEASE ENZYME ACTIVITY

17410 U.S. PTO  
10/621311  
07/18/03

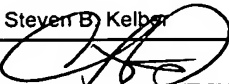
<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents</i>	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application PO Box 1450 Alexandria, VA 22313-1450
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p><input type="checkbox"/> Applicant claims small entity status.</p> <p>2. <input checked="" type="checkbox"/> Specification Total Pages <b>57</b></p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) Total Sheets <b>3</b></p> <p>4. <input type="checkbox"/> Oath or Declaration Total Pages <input type="text"/></p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. §1.63(d)) (for continuation/divisional with box 16 completed)</p> <p>5. <input type="checkbox"/> Incorporation By Reference (usable if box 4B is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4B, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p>	<b>ACCOMPANYING DOCUMENTS</b> <p>6. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>7. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>8. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>9. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>10. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>11. <input checked="" type="checkbox"/> White Advance Serial No. Postcard</p> <p>12. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>13. <input type="checkbox"/> Request for Priority</p> <p>14. <input checked="" type="checkbox"/> List of Inventors' Names and Addresses</p> <p>15. <input checked="" type="checkbox"/> Other: Sequence Listing, including Disk Verified Statement Under 37 CFR 1.821(f)</p>
<p>16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application no.: Prior application information: Examiner: Group Art Unit:</p>	
<p>17. Amend the specification by inserting before the first line the sentence:</p> <p><input type="checkbox"/> This application is a <input type="checkbox"/> Continuation <input type="checkbox"/> Division <input type="checkbox"/> Continuation-in-part (CIP) of application Serial No. Filed on</p> <p><input type="checkbox"/> This application claims priority of provisional application Serial No. Filed</p>	
<p><b>18. CORRESPONDENCE ADDRESS</b></p> <p>Supervisor, Patent Prosecution Services PIPER RUDNICK LLP 1200 Nineteenth Street, N.W. Washington, D.C. 20036-2412 Telephone No. (202) 861-3900 Facsimile No. (202) 223-2085</p>	

Name	Steven B. Kelber	Registration No.	30,073
Signature		Date	July 18, 2003
Name	Christopher W. Raimund	Registration No.	47,258
		Telephone	202-861-3900

<b>FEE TRANSMITTAL</b>					Docket No.		8971-032-27			
					Serial No.		NEW U.S. PATENT APPLICATION			
					Filing Date		HEREWITH			
					Inventor(s)		David WHITTEN et al.			
					Group Art Unit					
TOTAL AMOUNT OF PAYMENT					\$2,746.00		Examiner			

1. <input type="checkbox"/> Applicant claims small entity status. <input checked="" type="checkbox"/> Charge any <u>UNDERPAYMENT</u> or credit any <u>OVERPAYMENT</u> in the indicated fees to Deposit Account No. 50-1442. <input type="checkbox"/> Charge the indicated fees to Deposit Account No. 50-1442.										<b>FEE CALCULATION (continued)</b>					
										<b>3. ADDITIONAL FEES</b>					
										Large Entity		Small Entity		Fee Description	
2. <input checked="" type="checkbox"/> Check enclosed.										Fee Code	Fee (\$)	Fee Code	Fee (\$)		Fee Paid
<b>FEE CALCULATION</b>										1051	130	2051	65	Surcharge-late filing fee or oath	130
<b>1. BASIC FILING FEE</b>										1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	
Large Entity		Small Entity		Fee Description		1053	130	1053	130	Non-English specification					
Fee Code	Fee (\$)	Fee Code	Fee (\$)			Fee Paid	1812	2520	1812	2520	Ex parte reexam. fee				
1001	750	2001	375	Utility filing fee		750	1251	110	2251	55	1-mo. ext. of time				
1002	330	2002	165	Design filing fee			1252	410	2252	205	2-mo. ext. of time				
1003	520	2003	260	Plant filing fee			1253	930	2253	465	3-mo. ext. of time				
1004	750	2004	375	Reissue filing fee			1254	1450	2254	725	4-mo. ext. of time				
1005	160	2005	80	Provisional filing fee			1255	1970	2255	985	5-mo. ext. of time				
<b>SUBTOTAL (1)</b>						\$750.00	1401	320	2401	160	Notice of Appeal				
<b>2. EXTRA CLAIM FEES</b>										1402	320	2402	160	Appeal Brief	
tot. claims		91	-	20*	=	71	x	\$18	=	1278	1403	280	2403	140	Request for Oral Hearing
ind. claims		10	-	3*	=	7	x	\$84	=	588	1501	1300	2501	650	Utility/Reissue Issue Fee
<input type="checkbox"/> Multiple Dependent Claims						\$280	=			1502	470	2502	235	Design Issue Fee	
Large Entity		Small Entity		Fee Description		1503	630	2503	315	Plant Issue Fee					
Fee Code	Fee (\$)	Fee Code	Fee (\$)			1460	130	1460	130	Petitions to the Commissioner					
1202	18	2202	9	Claims in excess of 20		1806	180	1806	180	IDS Submission					
1201	84	2201	42	Independent claims in excess of 3		8021	40	8021	40	Assignment					
1203	280	2203	140	Multiple dependent claim, if not paid		1801	750	2801	375	For Filing RCE					
1204	84	2204	42	*Reissue independent claims over original patent		1802	900	1802	900	Expedited Design					
1205	18	2205	9	*Reissue claims in excess of 20 and over original patent		OTHER (indicate below):									
<b>SUBTOTAL (2)</b>						\$1,866.00									
* or number previously paid, if greater; For Reissues, see above										<b>SUBTOTAL (3)</b>		\$130.00			

Name	Steven B. Kelber	Registration No.	30,073	
Signature		Date	July 18, 2003	Telephone
Name	Christopher W. Raimund	Registration No.	47,258	

DOCKET NO. 8971-032-27

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: David WHITTEN et al. ART UNIT:  
SERIAL NO.: NEW U.S. PATENT APPLICATION EXAMINER:  
FILING DATE: HERewith  
FOR: ASSAYS FOR PROTEASE ENZYME ACTIVITY

**LIST OF INVENTORS' NAMES AND ADDRESSES**

ASSISTANT COMMISSIONER FOR PATENTS  
PO BOX 1450  
ALEXANDRIA, VA 22313-1450

SIR:

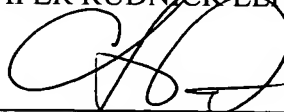
Listed below are the names and addresses of the inventors for the above-identified patent application.

- |   |  |
|---|--|
| 1) David WHITTEN<br>5435 La Colonia Drive NW<br>Albuquerque, NM 87120 | 5) Troy BERGSTEDT<br>6436 Vooscane<br>Cochiti, NM 87083                |
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| 3) Komandoor ACHYUTHAN<br>7 Luna Drive<br>Santa Fe, NM 87508          | 7) Duncan McBRANCH<br>757 Calle Espejo<br>Santa Fe, NM 87505           |
| 4) Xiaobo SHI<br>979 Tsankawi<br>Los Alamos, NM 87544                 |  |

A declaration containing all the necessary information will be submitted at a later date.

Respectfully submitted,

PIPER RUDNICK LLP



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Steven B. Kelber  
Registration No. 30,073  
Attorney of Record

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